

What is claimed is:

1. A destructible barrel used in a syringe, comprising:
a body for containing an injection fluid, the body having a first end and a second end;
a needle seat connected to the first end of the body through a connection portion; and
a destruction device being movably engaged with the first end of the body;
wherein, responsive to an user operation, the destruction device breaks the
connection portion to destructively separate the needle seat from the body.
2. The destructible barrel of claim 1, wherein the needle seat and the body are molded
as an integral one-piece casting.
3. The destructible barrel of claim 1, wherein the destruction device includes a knob
being rotatably engaged with the first end of the body.
4. The destructible barrel of claim 3, wherein the needle seat further comprises a first
spiral surface and the knob further comprises a second spiral surface corresponding
to the first spiral surface.
5. The destructible barrel of claim 4, wherein the user operation comprises rotating the
knob to make the second spiral surface push against the first spiral surface, and the
connection portion is broken consequently to separate the needle seat from the body.
6. The destructible barrel of claim 3, wherein the needle seat further comprises a
plurality of first spiral surfaces, and the knob further comprises a plurality of second
spiral surfaces corresponding to the plurality of the first spiral surfaces, and wherein
the user operation comprises rotating the knob to make the plurality of the second
spiral surface push against the plurality of the first spiral surface, and the connection
portion is broken consequently to separate the needle seat from the body.
7. The destructible barrel of claim 1, further comprising a cover disposed on the first
end of the body, the cover being pushed to shelter the first end of the body after the

needle seat is separated from the body.

8. The destructible barrel of claim 7, wherein the cover further comprises an opening part and a closed part, and the opening part exposes the first end of the body before the needle seat is separated from the body, and the cover is pushed allowing the closed part to shelter the first end of the body after the needle seat is separated from the body.
9. A destructible safety syringe, comprising:
 - a needle hub;
 - a barrel including a body, a needle seat and a destruction device, the body containing an injection fluid, and the body having a first end and a second end, the needle seat being connected to the first end of the body through a connection portion, and the needle seat supporting the needle hub, the destruction device being movably engaged with the first end of the body; and
 - a plunger being disposed inside the body and being able to move along the axis;wherein, in response to an user operation, the destruction device breaks the connection portion to destructively separate the needle seat from the body.
10. The destructible safety syringe of claim 9, wherein the needle seat and the body are molded as an integral one-piece casting.
11. The destructible safety syringe of claim 9, wherein the destruction device includes a knob being rotatably engaged with the first end of the body.
12. The destructible safety syringe of claim 11, wherein the needle seat further comprises a first spiral surface and the knob further comprises a second spiral surface corresponding to the first spiral surface.
13. The destructible safety syringe of claim 12, wherein the user operation comprises rotating the knob to make the second spiral surface push against the first spiral

surface, and the connection portion is broken consequently to separate the needle seat from the body.

14. The destructible safety syringe of claim 11, wherein the needle seat further comprises a plurality of first spiral surfaces, and the knob further comprises a plurality of second spiral surfaces corresponding to the plurality of the first spiral surfaces, and wherein the user operation comprises rotating the knob to make the plurality of the second spiral surface push against the plurality of the first spiral surface, and the connection portion is broken consequently to separate the needle seat from the body.
15. The destructible safety syringe of claim 9, further comprising a cover disposed on the first end of the body, the cover being pushed to shelter the first end of the body after the needle seat is separated from the body.
16. The destructible safety syringe of claim 15, wherein the cover further comprises an opening part and a closed part, and the opening part exposes the first end of the body before the needle seat is separated from the body, and the cover is pushed allowing the closed part to shelter the first end of the body with the closed part after the needle seat is separated from the body.
17. The destructible safety syringe of claim 15, wherein when the cover shelters the first end of the body, the needle seat is pushed by the plunger to break the needle hub.